



NOAA's National Weather Service Philadelphia/Mt. Holly NJ



Issued: Friday, January 22, 2016 – 10 AM

Next Briefing Package: by 5 PM Friday January 22, 2016

Highlights

A major east coast storm will affect the area this weekend. Important aspects of this storm are as follows:

- **Blizzard Warning now in effect for the I-95 corridor, portions of coastal NJ, and the eastern shore of MD. Outside of this area, a Winter Storm Warning is in effect, except for the Poconos and far northwest NJ, where a Winter Weather Advisory is in effect.**
- **Snowfall ranging from 12-18 inches of snow is expected, with lesser amounts near the coast, in the Poconos, and far northwest NJ. There is the potential for localized amounts of snowfall in excess of 20 inches in the I-95 corridor. A tight gradient in snowfall amounts is forecast between I-78 and I-80, along the northern edge of the storm.**
- **Widespread moderate to major coastal and back bay flooding is expected along the DE and NJ coasts this weekend, including Delaware Bay. A strong onshore flow will persist through three tide cycles. Flooding is not expected along the Chesapeake Bay north of Cambridge.**

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- **Strong northeast winds gusting between 50 and 60 knots are expected over the coastal waters of DE and NJ, including the Delaware Bay. A Storm Warning is in effect for these areas from late Friday night through Sunday morning.**
- **Strong northeast winds gusting between 50 and 60 mph are expected near the coast from Friday night into early Sunday morning. High Wind Warnings are in effect for these areas. Northeast wind gusts in the 25 to 45 mph expected further inland.**

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Blizzard Warning

Winter Storm Warning

Winter Weather
Advisory

Storm Warning



Scranton

Morristown

Newark

Allentown

Harrisburg

Reading

Trenton

Lancaster

Philadelphia

Baltimore

Atlantic City

Dover

Washington

Georgetown

Salisbury

Coastal Flood Warning
for NJ & DE Coast and
portions of DE Bay

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Hazards and Impacts:

- **Snowfall will begin earlier and is expected to impact the Philadelphia – Wilmington metropolitan corridor, and points south, during the Friday evening commute. Accumulation of 1-2 inches possible in this time frame.**
- **The combination of heavy snow and gusty winds will make for white out conditions in the Blizzard Warning area, with roads becoming impassible, especially with snowfall rates of 1 to 3 inches per hour at times.**
- **Power outages possible due to heavy snow and/or wind.**
- **Widespread coastal flooding with property damage and road closures is expected, especially at the times of high tide on Saturday morning, Saturday night, and Sunday morning.**
- **Heavy and wet snow may be difficult to plow and shovel, especially for those with physical ailments.**

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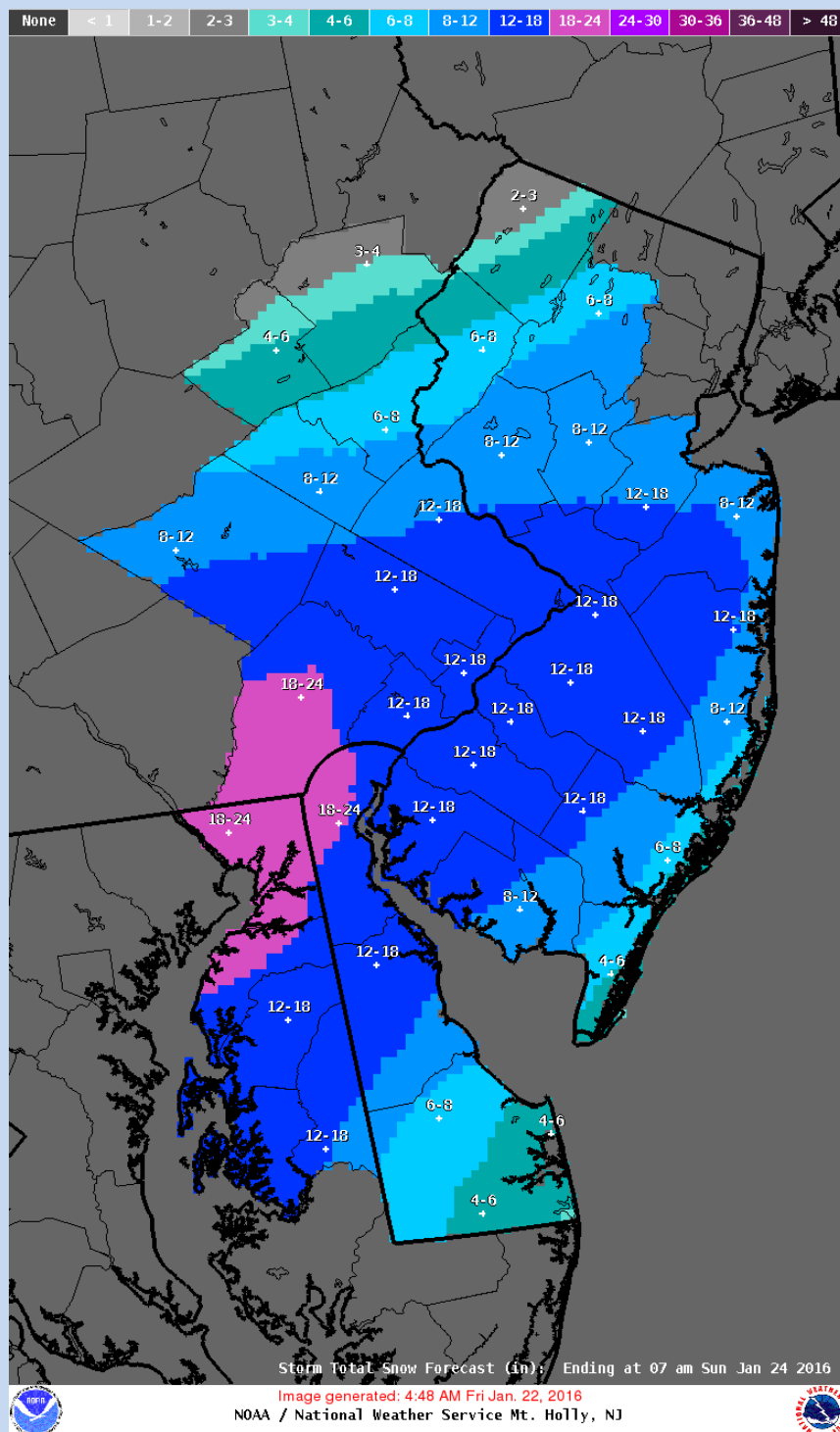
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Most likely Snowfall accumulations
www.weather.gov/phi/winter

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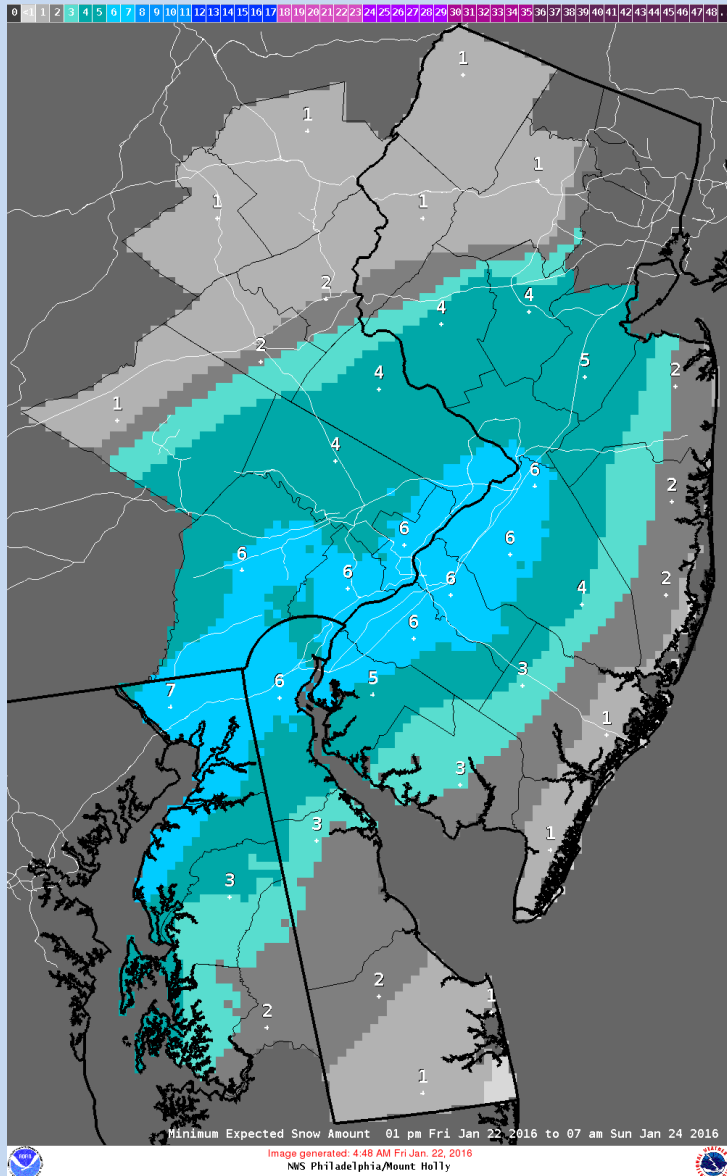
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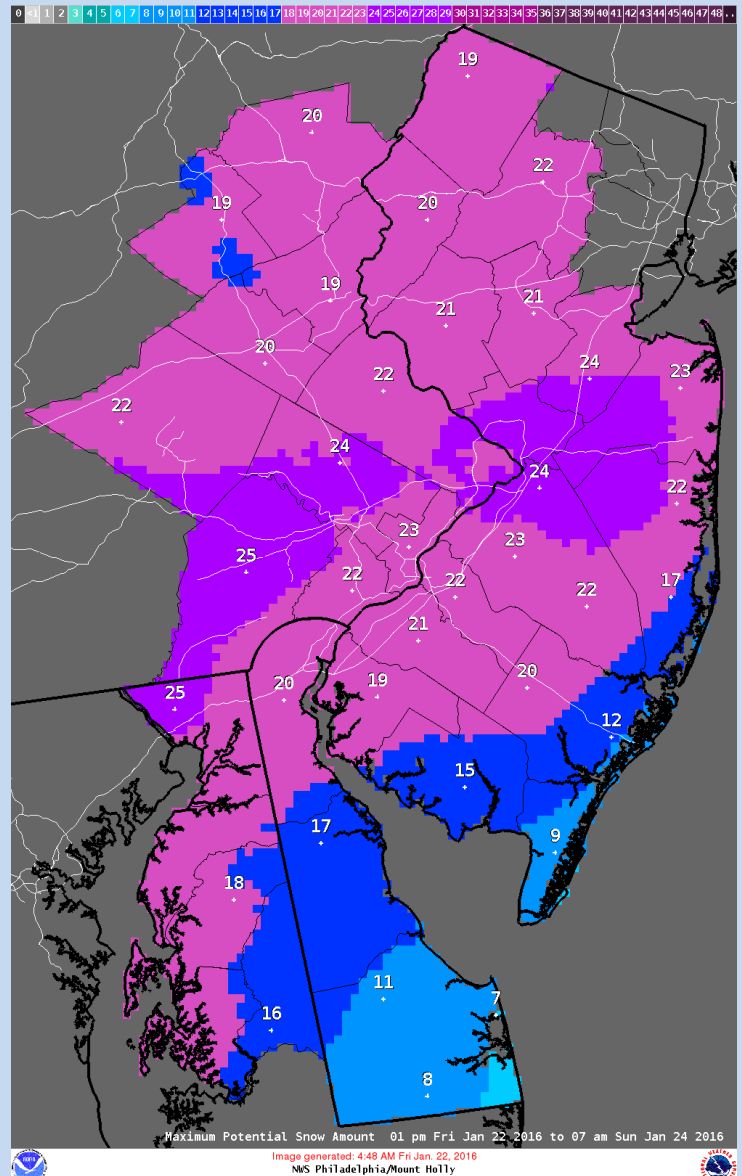
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Minimum Snow Forecast



Maximum Snow Forecast

These two maps provide reasonable estimates of possible minimum (left) and maximum (right) snowfall amounts from this event based on statistical analysis of model guidance. They are experimental and do **not** represent the official NWS forecast. Larger images are available at www.weather.gov/phi/winter

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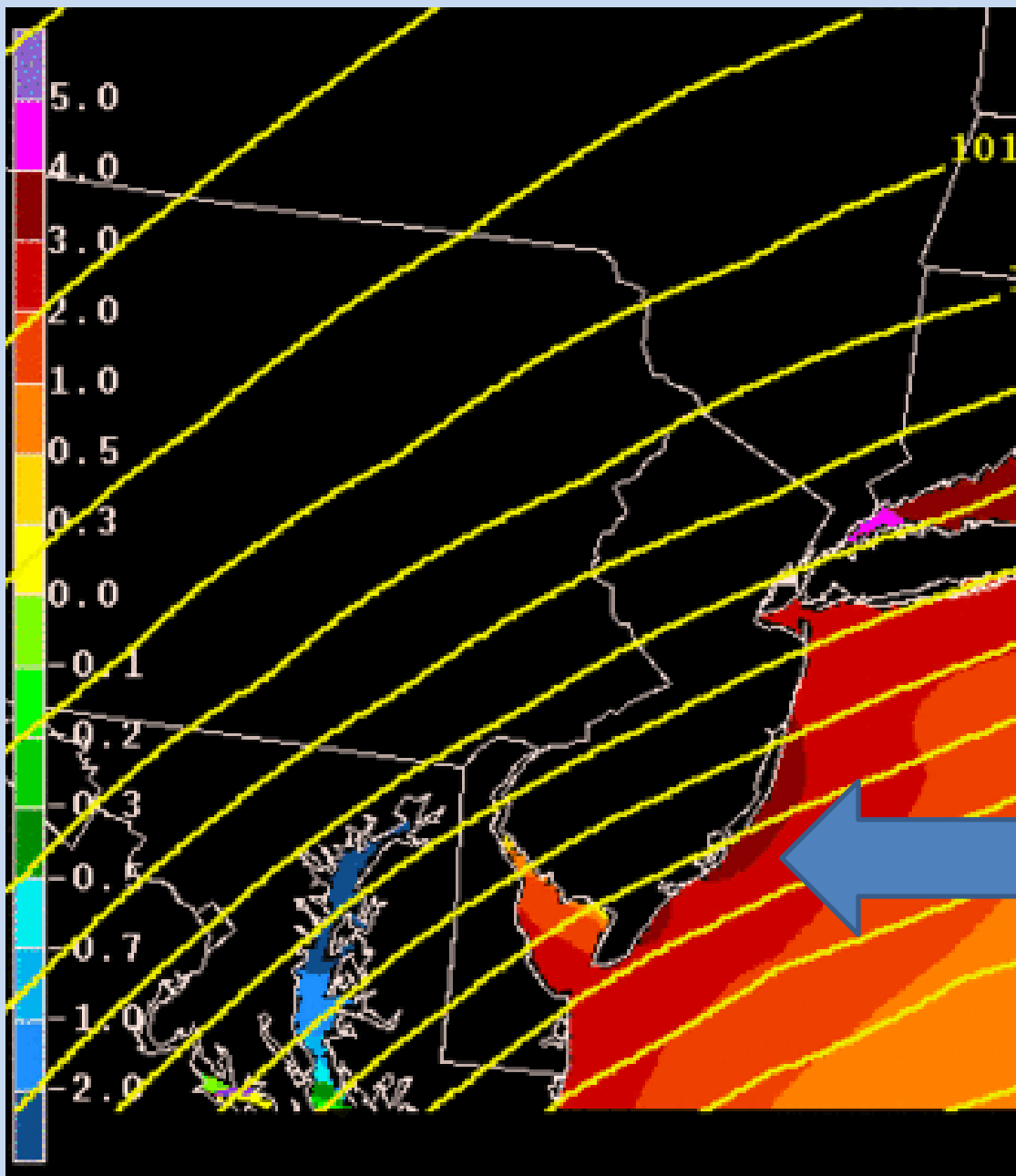
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Tidal Departures at 7 PM Saturday (around high tide). Note 2-4 FT departures along the coast and portions of Delaware Bay (bright red). These departures will also be present for the Saturday morning high tide.

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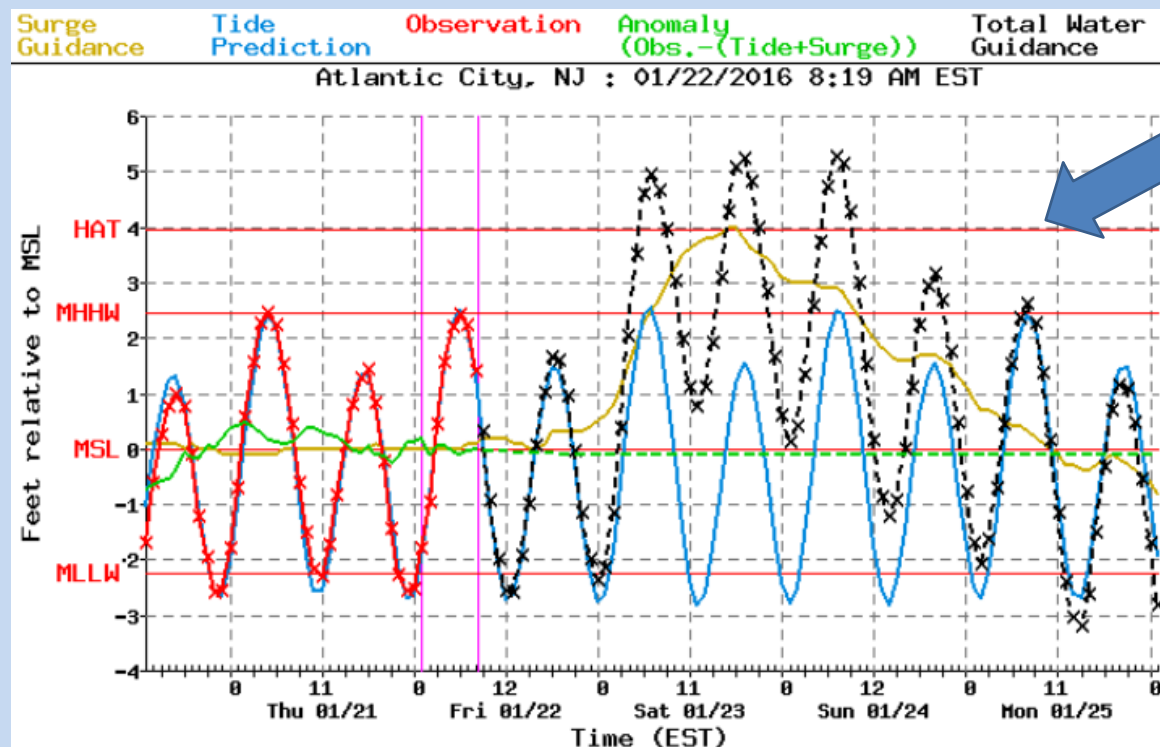
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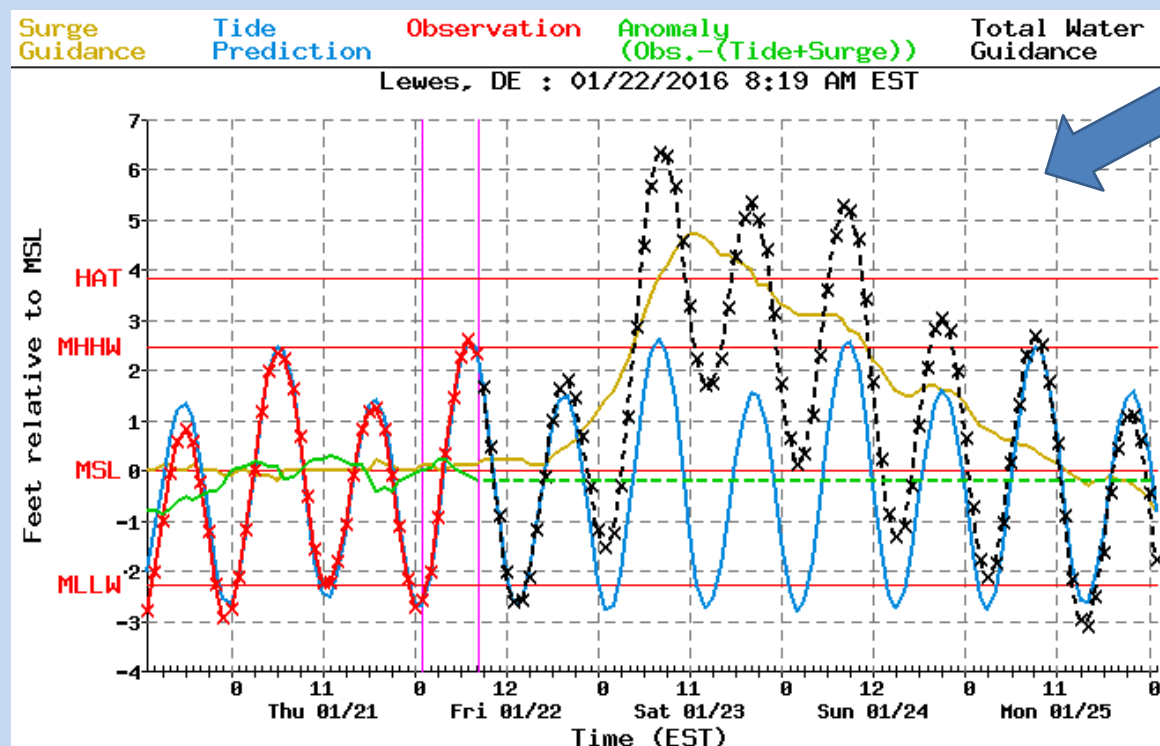
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These charts show the potential for moderate to major coastal and back bay flooding with the high tides Saturday morning through Sunday morning (3 high tides). Total water levels are expected to be slightly higher in the south, such as Lewes (bottom graph) vs. Atlantic City (top graph).



Coastal flooding is not expected along the Chesapeake Bay north of Cambridge.

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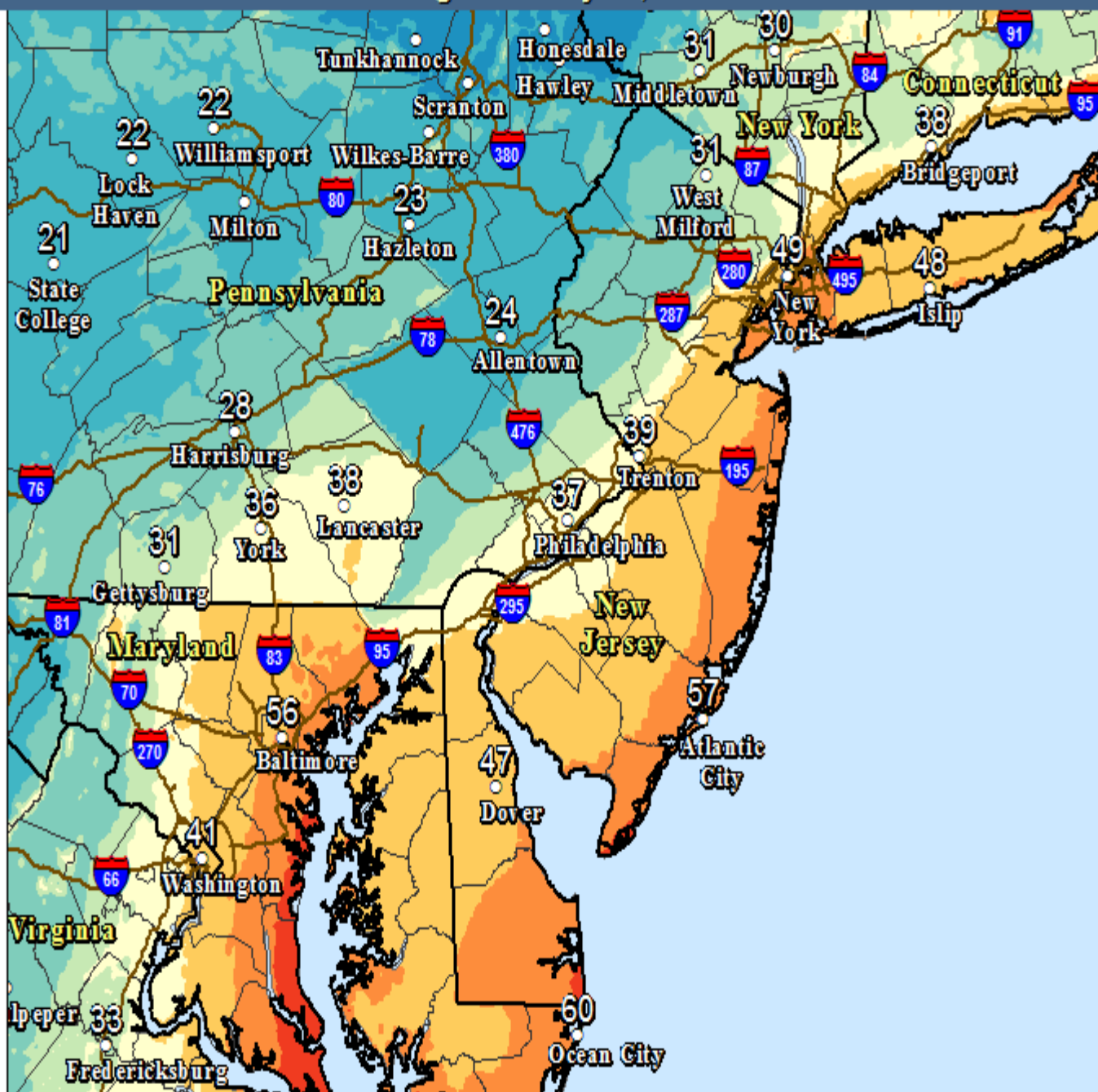
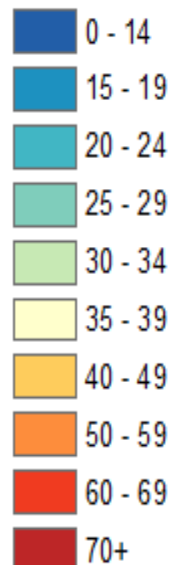


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Maximum Wind Gust - Through January 24, 2016 7:00 PM ET

MPH



Created by the
NWS Forecast Office
Philadelphia/Mt. Holly



0 25 50
Miles

Source: NWS National
Digital Forecast Database

Created: 01/22/2016 1300 UTC

Maximum wind gusts (MPH) through 7 PM January 24, 2016

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